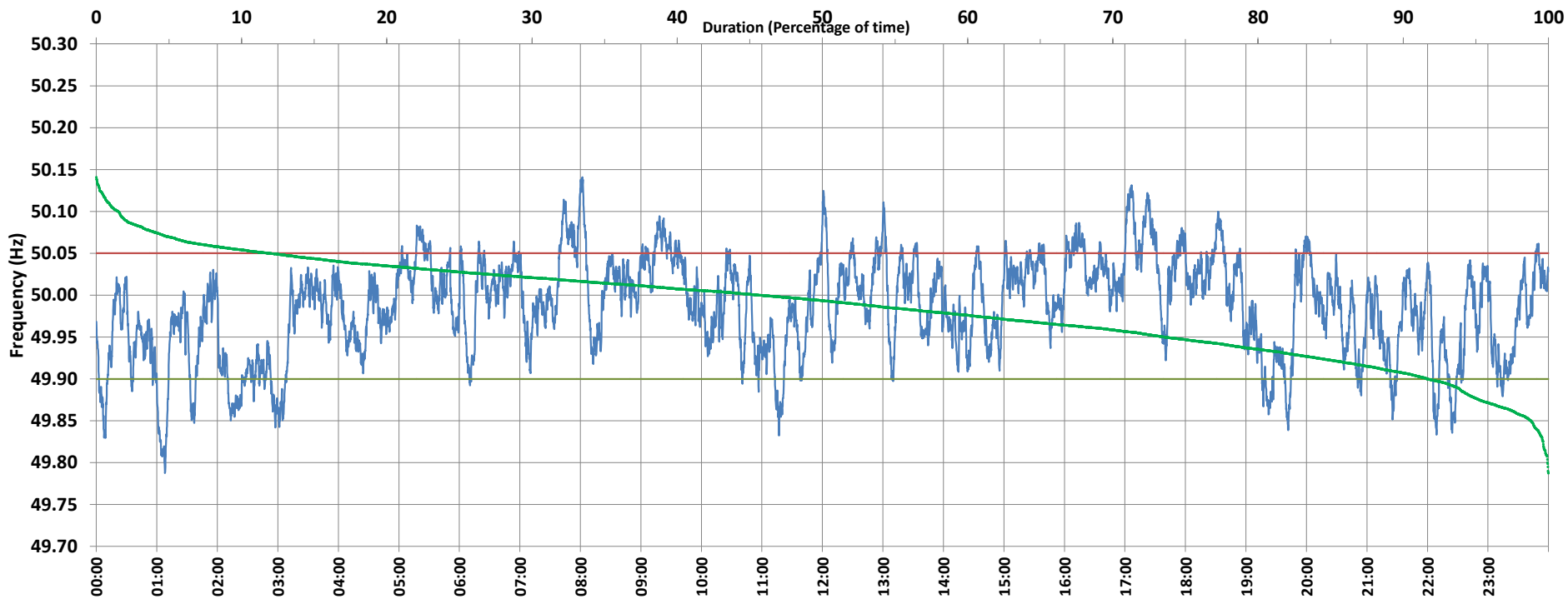


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 01-Jul-2020 (Wednesday)



<49.7	<49.90	<49.97	49.7-49.8	49.8-49.9	49.9-50.0	50.0-50.1	50.1-50.2	49.90-50.05	49.7-50.2	49.97-50.03	50.05-50.1	>50	>50.03	>50.05	>50.2	<49.95	49.95-50.05	49.90-49.95
0.00	8.33	36.74	0.06	8.28	45.96	44.20	1.50	79.81	100.00	39.93	10.41	45.61	23.33	11.85	0.00	26.42	61.72	18.09

Average Frequency : 49.986	Frequency Variation Index : 0.0355	Standard Deviation : 0.0579	Mileage: 42.7	FDI: 20.2
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Instantaneous Frequency		
Max	50.141	8:01:50
Min	49.787	1:08:00

15 minute Average Frequency		
Max	50.086	17:15:00
Min	49.859	1:15:00

No. of excursions	
above 50.03 Hz	136
below 49.97 Hz	127
above 50.00 Hz	164
below 50.00 Hz	165

Average time freq per excursion remains	
below 49.97	0:04:10
above 50.03	0:02:28

No. of hours freq outside 49.9-50.05 Hz	4:50:40
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)